

Off Sequence Curriculum C: Entering with Calc I and Physics I complete

	Fall		Spring	
Freshman	Math 10560, Calculus 2	4	MATH 20550, Calculus 3	3.5
	CHEM 10171/11171	4	CHEM 10122 Gen Chem	3
	EG 10111, Intro to Eng	3	EG 10112, Intro to Eng	3
	Arts & Letters Course 1	3	CBE 20255, Intro to Chem Eng	3
	Writing & Rhetoric or Univ. Sem.	3	Writing & Rhetoric or Univ. Sem.	3
	Moreau First Year Experience	1	Moreau First Year Experience	1
	<u>18</u>		<u>16.5</u>	
Sophomore	MATH 20580, Linear ODEs	3.5	MATH 30650, Differential Eq	3
	CHEM 10172/11172 OChem & Lab	3	CHEM 20273, Organic 2	3
	CHEM 11172, Organic Lab 1	1	CBE 30367, Thermo 2	3
	CBE 20260, Thermodynamics 1	3	CBE 20258, Numerical & Statistical Analy:	3
	PHYS 10320, Gen Physics 2	4	Arts & Letters Course 4	3
		<u>14.5</u>	*CBE 20290, Career Choices Eng	*1
		*16	<u>15</u>	
Junior	CBE 30361, Materials	3	CHEM 30324, Pchem	3
	CHEM 30333/31333 Achem & Lab	4	CBE 30338, Chem Proc Control	3
	CBE 30355 Transport 1		CBE 30356, Transport 2	3
	or CBE 30357 Biotransport	3	CBE 31358, Chem Eng Lab 1	3
	Arts & Letters Course 5	3	Arts & Letters Course 6	3
	<u>13</u>		<u>15</u>	
Senior	CBE 40443, Separations	3	CBE 40448, Process Design	3
	CBE 40445, Reaction Engineering	3	SCPP 4001 App. to health professions	3
	CBE 41459, Chem Eng Lab 2		CBE Elective	3
	or CBE 41910 Biomolecular Eng Lab	3	Tech Elective	3
	+ CBE 40910		Tech Elective	3
	Arts & Letters Course 7	3	Arts & Letters Course 8	3
CBE Elective	3		<u>18</u>	
	<u>15</u>			
Total 133:	125 plus credit: 4 Calc I, 4 Phys I			

NOTE: Advantage of smaller class sizes and greater flexibility for study abroad, research or pursuing a minor *Strongly recommended

Must be ahead in:

Complete Calc II and Phys prior to Spring of Freshman year

What is a Tech Elective?

A course in the College of Science or College of Engineering.

3 credit lecture course.

3XXXX, 4XXXX or higher.

Must be intended for Science and Engineering majors, not A&L.

Can only take CBE 48902 Advanced UG research to fulfill one TE.

Other courses will be considered upon request.